

Table AWM-1.--Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BrE: Bethesda-----	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Dense layer	1.00	Too acid	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Droughty	0.54	Too acid	1.00
		Droughty	0.54	Restricted permeability	0.50	Droughty	0.54
		Restricted permeability	0.50			Restricted permeability	0.50
Other soils-----	25	Not Rated		Not Rated		Not Rated	
Rock outcrop-----	15	Not Rated		Not Rated		Not Rated	
BuC: Buchanan-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.95	Too acid	1.00	Too acid	1.00
		Droughty	0.88	Depth to saturated zone	0.95	Too steep for surface application	1.00
		Too acid	0.73	Droughty	0.88	Depth to saturated zone	0.95
		Depth to cemented pan	0.68	Depth to cemented pan	0.68	Droughty	0.88
BuD: Buchanan-----	100	Very limited Slope	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for surface application	1.00
		Depth to saturated zone	0.95	Too acid	1.00	Too steep for sprinkler application	1.00
		Droughty	0.88	Depth to saturated zone	0.95	Too acid	1.00
		Too acid	0.73	Droughty	0.88	Depth to saturated zone	0.95
Cn: Chagrín-----	95	Somewhat limited		Very limited		Somewhat limited	

Table AWM-1.--Agricultural Waste Management--Continued

		Flooding	0.60	Flooding	1.00	Flooding	0.60
Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Holly-----	5	Not Rated		Not Rated		Not Rated	
DAM: Dam-----	100	Not Rated		Not Rated		Not Rated	
GaC: Gilpin-----	100	Somewhat limited		Very limited		Very limited	
		Too acid	0.73	Low adsorption	1.00	Too steep for surface application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Slope	0.63	Droughty	0.68	Too steep for sprinkler application	0.78
		Restricted permeability	0.50	Slope	0.63	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
GaD: Gilpin-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Low adsorption	1.00	Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Restricted permeability	0.50	Droughty	0.68	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
GaE: Gilpin-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Low adsorption	1.00	Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Restricted permeability	0.50	Droughty	0.68	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
GaF: Gilpin-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Low adsorption	1.00	Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Restricted	0.50	Droughty	0.68	Droughty	0.68

permeability  
Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GDF: Gilpin-----	60	Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.82	Slope	1.00	Too steep for sprinkler application	1.00
		Too acid	0.73	Too acid	1.00	Too acid	1.00
		Too Stony	0.53	Droughty	0.82	Droughty	0.82
Dekalb-----	25	Restricted permeability	0.50	Restricted permeability	0.50	Restricted permeability	0.50
		Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	1.00	Slope	1.00	Too steep for sprinkler application	1.00
		Filtering capacity	1.00	Droughty	1.00	Droughty	1.00
		Too Stony	0.53	Filtering capacity	1.00	Filtering capacity	1.00
Other soils-----	15	Restricted permeability	0.50	Too acid	0.99	Too acid	0.99
		Not Rated		Not Rated		Not Rated	
GuC: Gilpin-----	55	Somewhat limited Too acid	0.73	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Slope	0.63	Droughty	0.68	Too steep for sprinkler application	0.78
		Restricted permeability	0.50	Slope	0.63	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
Upshur-----	35	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Slope	0.63	Too acid	0.77	Too steep for surface application	1.00
		Runoff limitation	0.40	Slope	0.63	Too steep for sprinkler application	0.78
		Droughty	0.23	Droughty	0.23	Too acid	0.77
		Too acid	0.22			Droughty	0.23

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Other soils-----	10	Not Rated		Not Rated		Not Rated	
GuD: Gilpin-----	55	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Restricted permeability	0.50	Droughty	0.68	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
Upshur-----	30	Very limited Slope	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.77	Too steep for sprinkler application	1.00
		Droughty	0.23	Droughty	0.23	Too acid	0.77
		Too acid	0.22			Droughty	0.23
Other soils-----	15	Not Rated		Not Rated		Not Rated	
GuE: Gilpin-----	55	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty	0.68	Too acid	1.00	Too acid	1.00
		Restricted permeability	0.50	Droughty	0.68	Droughty	0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
Upshur-----	30	Very limited Slope	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.77	Too steep for sprinkler application	1.00
		Droughty	0.23	Droughty	0.23	Too acid	0.77
		Too acid	0.22			Droughty	0.23
Other soils-----	15	Not Rated		Not Rated		Not Rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GwF3: Gilpin-----	50	Very limited Slope	1.00	Very limited Low adsorption	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.73	Slope	1.00	Too steep for sprinkler application	1.00
		Droughty Restricted permeability	0.68 0.50	Too acid Droughty	1.00 0.68	Too acid Droughty	1.00 0.68
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
Upshur-----	35	Very limited Slope	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.77	Too steep for sprinkler application	1.00
		Droughty Too acid	0.23 0.22	Droughty	0.23	Too acid Droughty	0.77 0.23
Other soils-----	15	Not Rated		Not Rated		Not Rated	
Ha: Hackers-----	100	Somewhat limited Too acid	0.11	Somewhat limited Too acid Flooding	0.42 0.40	Somewhat limited Too acid	0.42
JaE: Janelew-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Dense layer	1.00			Too steep for sprinkler application	1.00
Lh: Lobdell-----	45	Somewhat limited Depth to saturated zone	0.68	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.68
		Flooding	0.60	Depth to saturated zone	0.68	Flooding	0.60
		Too acid	0.02	Too acid	0.07	Too acid	0.07
Other soils-----	30	Not Rated		Not Rated		Not Rated	
Holly-----	25	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Leaching limitation	0.70	Flooding	1.00	Flooding	0.60

|     | Flooding     | 0.60 |     |     |

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoB: Monongahela-----	100	Somewhat limited Depth to saturated zone	0.95	Very limited Too acid	1.00	Very limited Too acid	1.00
		Restricted permeability	0.81	Depth to saturated zone	0.95	Depth to saturated zone	0.95
		Too acid	0.50	Restricted permeability	0.81	Restricted permeability	0.81
						Too steep for surface application	0.68
Ms: Moshannon-----	100	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
Po: Pope-----	100	Somewhat limited Too acid	0.73	Very limited Flooding	1.00	Very limited Too acid	1.00
		Flooding	0.60	Too acid	1.00	Flooding	0.60
Sn: Senecaville-----	95	Somewhat limited Depth to saturated zone	0.95	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.95
		Flooding	0.60	Depth to saturated zone	0.95	Flooding	0.60
		Too acid	0.11	Too acid	0.42	Too acid	0.42
Holly-----	5	Not Rated		Not Rated		Not Rated	
Su: Sensabaugh-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
Holly-----	5	Not Rated		Not Rated		Not Rated	
Uf: Udorthents-----	100	Not Rated		Not Rated		Not Rated	
Ur: Udorthents-----	50	Not Rated		Not Rated		Not Rated	
Urban land-----	50	Not Rated		Not Rated		Not Rated	
VaC: Vandalia-----	100	Somewhat limited Restricted permeability	0.81	Somewhat limited Too acid	0.91	Very limited Too steep for surface application	1.00
		Slope	0.63	Restricted permeability	0.81	Too acid	0.91
		Runoff limitation	0.40	Slope	0.63	Restricted permeability	0.81
		Too acid	0.32			Too steep for sprinkler application	0.78

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VaD: Vandalia-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	0.81	Too acid	0.91	Too steep for sprinkler application	1.00
		Runoff limitation	0.40	Restricted permeability	0.81	Too acid	0.91
		Too acid	0.32			Restricted permeability	0.81
VaE: Vandalia-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Restricted permeability	0.81	Too acid	0.91	Too steep for sprinkler application	1.00
		Runoff limitation	0.40	Restricted permeability	0.81	Too acid	0.91
		Too acid	0.32			Restricted permeability	0.81
W: Water-----	100	Not Rated		Not Rated		Not Rated	
WuE3: Westmoreland-----	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.32	Too acid	0.91	Too steep for sprinkler application	1.00
		Droughty	0.01	Droughty	0.01	Too acid Droughty	0.91 0.01
Upshur-----	35	Very limited Slope	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00	Slope	1.00	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.77	Too steep for sprinkler application	1.00
		Droughty Too acid	0.23 0.22	Droughty	0.23	Too acid Droughty	0.77 0.23
Other soils-----	15	Not Rated		Not Rated		Not Rated	